3Shape Orthodontic System™

Product Catalog for Labs

Please see the price list for individual item prices

May 2015

3Shape Lab Scanners For Every Need

R500

Entry scanner to CAD/CAM

- 2 x 1.3 MP cameras, Red Laser
- Accuracy: 10 µm (ISO)
- Scan plaster model: 105 sec
- Scan time impression: 115 sec

NEW R750

Workhorse of productivity

- 2 x 1.3 MP cameras, Blue LED
- Accuracy: 10 µm (ISO)
- Scan time plaster model: 65 sec
- Scan time impression: 180 sec
- Extended interior

NEW R850

Study model accuracy

- 2 x 5 MP cameras, Blue LED
- Accuracy: 7 µm (ISO)
- Scan time plaster model: 60 sec
- Scan time impression: 160 sec
- Extended interior
- Texture scanning

R900L

High speed and colors

- 4 x 5 MP cameras, Blue LED
- Accuracy: 7 µm (ISO)
- Scan time plaster model: 40 sec
- Scan time impression: 120 sec
- Color texture scanning
- Extended interior

NEW R1000

Ultra-high productivity

- 4 x 5 MP cameras, Blue LED Multi-line
- Accuracy: 5 µm (ISO)
- Scan time plaster model: 30 sec
- Scan time impression: 75 sec
- Color texture scanning
- Extended interior

NEW R2000

All-in-one scanning for high volumes

- 4 x 5 MP cameras, Blue LED Multi-line
- Accuracy: 5 µm (ISO)
- Scan time plaster model: 30 sec
- Scan time impression: 75 sec
- Color texture scanning
- Extended interior
- All-in-one scanning: room for 2 models

General remarks:

All scanner require the latest version of Ortho System to operate. The R1000 and R2000 scanners require Ortho System™ 2015 release 1.6.1.1 that supports all-in-one model scanning (expected in July 2015). Support for Impression scanning will be available in a subsequent release (expected in Q3, 2015).

Entry scanner to CAD/CAM

3Shape R500

R500 3D scanner with Ortho System™ Standard

Item Number

20005800

20005805 – Demo system[1]

Send your order to order@3shape.com

System Configuration

3D Scanner

R500 3D Scanner (2 x 1.3 MP cameras and red laser) optimized for dental applications.

Desktop PC

- High performance PC (model subject to change)
- Operating system and 3Shape software pre-installed
- Mouse and keyboard included (monitor NOT included)

Operating System & Repair Disk

- Windows 8 Pro, 64-bit, English (Support for 35 languages)
- Windows 8 Pro repair disk

Included Accessories

- 1 x Scanner calibration object
- 3 x Scanning interface plate
- 1 x Blu-Tack® scan clay
- 1 x Dongle USB key
- 1 x 2-cast fixture
- 1 x Impression fixture
- 1 x Wax-up fixture

Software Package

Single user license of Ortho System Standard™

Including

- ScanIt Orthodontics™ for the 3D scanning of study models and dental impressions
- Ortho Analyzer™ for case analysis
- 3Shape Communicate™ Inbox for order reception and filtering (20 connections included)
- Study Model Builder (including study model STL output)
- Remote assistance software

Help System

Integrated online user manual (12 languages)

Optional:

Misc. Software Add-Ons	Please refer to the Add-On overview table
Extended Warranty	Extend the 1-year limited warranty on 3Shape hardware by 1 or 2 additional years.

Entry scanner to CAD/CAM

3Shape R500

R500 3D scanner with Ortho System™ Premium

Item Number

20005101

20005105 – Demo system[1]

Send your order to order@3shape.com

System Configuration

3D Scanner

R500 3D Scanner (2 x 1.3 MP cameras and red laser) optimized for dental applications.

Desktop PC

- High performance PC (model subject to change)
- Operating system and CAD software pre-installed
- Mouse and keyboard included (monitor NOT included)

Operating System & Repair Disk

- Windows 8 Pro, 64-bit, English (Support for 35 languages)
- Windows 8 Pro repair disk

Included Accessories

- 1 x Scanner calibration object
- 3 x Scanning interface plate
- 1 x Blu-Tack® scan clay
- 1 x Dongle USB key
- 1 x Impression fixture
- 1 x 2-Cast fixture
- 1 x Wax-up fixture

Software Package

Single user license of **Ortho System Premium™**

Including

- ScanIt Orthodontics™ for the 3D scanning of study models and dental impressions
- Ortho Analyzer™ for case analysis
- Study Model Builder (including study model STL output)
- Ortho Planner™ for treatment planning and monitoring
- Planning model Builder (including planning model STL Output)
- Appliance Designer™ CAD program for the modelling of orthodontic appliances (including design STL output)
- 3Shape Communicate™ Inbox for order reception and filtering (20 connections included)
- Remote assistance software

Help System

Integrated online user manual (12 languages)

Optional:

Misc. Software Add-Ons	Please refer to the Add-On overview table
Extended Warranty	Extend the 1-year limited warranty on 3Shape hardware by 1 or 2 additional years.

Workhorse of productivity

3Shape R750

R750 3D scanner with Ortho System™ Premium

NEW

Item Number

20005401

20005405 – Demo system[1]
20005410 – Educational system – 10 client points[2]
20005411 – Educational system – 20 client points[2]
20005420 – Commercial Education – 20 client points[3]

Send your order to order@3shape.com

System Configuration

3D Scanner

R750 3D Scanner (2 x 1.3 MP cameras and blue LED) optimized for dental applications. Expanded interior space for mounted models etc

Desktop PC

- High performance PC (model subject to change)
- Operating system and 3Shape software pre-installed
- Mouse and keyboard included (monitor NOT included)

Operating System & Repair Disk

- Windows 8 Pro, 64-bit, English (Support for 35 languages)
- Windows 8 Pro repair disk

Included Accessories

- 1 x Scanner calibration object
- 3 x Scanning interface plate
- 1 x Blu-Tack® scan clay
- 1 x Dongle USB key
- 1 x Impression fixture
- 1 x 2-Cast fixture
- 1 x Wax-up fixture
- 1 x Scan Height Adapter

Software Package

Single user license of **Ortho System Premium™**

Including

- ScanIt Orthodontics™ for the 3D scanning of study models and dental impressions.
- Ortho Analyzer™ for case analysis
- Study Model Builder (including study model STL output)
- Ortho Planner™ for treatment planning and monitoring
- Planning Model Builder (including planning model STL output)
- Appliance Designer™ CAD program for the modelling of orthodontic appliances (including design STL output)
- 3Shape Communicate™ Inbox for order reception and filtering (20 connections included)
- Remote assistance software

Help System

Integrated online user manual (12 languages)

Optional:

Misc. Software Add-Ons	Please refer to the Add-On overview table
Extended Warranty	Extend the 1-year limited warranty on 3Shape hardware by 1 or 2 additional years.

Study model accuracy

3Shape R850

R850 3D scanner with Ortho System™ Premium

NEW

Item Number

20005501

20005505 – Demo System[1]
20005510 – Educational system – 10 client points[2]
20005511 – Educational system – 20 client points[2]
20005520 – Commercial Education – 20 client points[3]

Send your order to **order@3shape.com**

System Configuration

3D Scanner

R850 3D Scanner (2 x 5 MP cameras and blue LED) optimized for dental applications. With Texture Scanning and expanded interior space for mounted models etc.

Desktop PC

- High performance PC (model subject to change)
- Operating system and 3Shape software pre-installed
- Mouse and keyboard included (monitor NOT included)

Operating System & Repair Disk

- Windows 8 Pro, 64-bit, English (Support for 35 languages)
- Windows 8 Pro repair disk

Included Accessories

- 1 x Scanner calibration object
- 3 x Scanning interface plate
- 1 x Blu-Tack® scan clay
- 1 x Dongle USB key
- 1 x Impression fixture
- 1 x 2-Cast fixture
- 1 x Wax-up fixture
- 1 x Scan Height Adapter

Software Package

Single user license of **Ortho System Premium™**

Including

- ScanIt Orthodontics™ for the 3D scanning of study models and dental impressions
- Ortho Analyzer™ for case analysis
- Study Model Builder (including study model STL output)
- Ortho Planner™ for treatment planning and monitoring
- Planning Model Builder (including planning model STL output)
- Appliance Designer™ CAD program for the modelling of orthodontic appliances (including design STL output) – includes Design STL output
- 3Shape Communicate™ Inbox for order reception and filtering (20 connections included)

Remote assistance software

Help System

Integrated online user manual (12 languages)

Optional:

Misc. Software Add-Ons	Please refer to the Add-On overview table
Extended Warranty	Extend the 1-year limited warranty on 3Shape hardware by 1 or 2 additional years.

High speed and colors

3Shape R900L

R900L 3D scanner with Ortho System™ **Premium**

Item Number

20005301

20005305 – Demo System[1]
20005310 – Educational system – 10 client points[2]
20005311 – Educational system – 20 client points[2]
20005320 – Commercial Education – 20 client points[3]

Send your order to **order@3shape.com**

System Configuration

3D Scanner

R900L 3D Scanner (4 x 5 MP cameras and blue LED) optimized for dental applications. With Color Texture Scanning and expanded interior space for mounted models etc.

Desktop PC

- High performance PC (model subject to change)
- Operating system and 3Shape software pre-installed
- Mouse and keyboard included (monitor NOT included)

Operating System & Repair Disk

- Windows 8 Pro, 64-bit, English (Support for 35 languages)
- Windows 8 Pro repair disk

Included Accessories

- 1 x Scanner calibration object
- 3 x Scanning interface plate
- 1 x Blu-Tack® scan clay
- 1 x Dongle USB key
- 1 x Scan Height Adapter
- 1 x Occlusion Transfer Calibration Object
- 1 x Impression fixture
- 1 x 2-Cast fixture
- 1 x Wax-up fixture

Software Package

Single user license of **Ortho System Premium™**

Including

- ScanIt Orthodontics™ for the 3D scanning of study models and dental impressions
- Ortho Analyzer™ for case analysis
- Study Model Builder (including study model STL output)
- Ortho Planner™ for treatment planning and monitoring
- Planning Model Builder (including planning Model STL Output)
- Appliance Designer™ CAD program for the modelling of orthodontic appliances (including design STL output)
- 3Shape Communicate™ Inbox for order reception and filtering (20 connections included)

Help System

Integrated online user manual (12 languages)

Optional:

Misc. Software Add-Ons	Please refer to the Add-On overview table
Extended Warranty	Extend the 1-year limited warranty on 3Shape hardware by 1 or 2 additional years.

Ultra-high productivity

3Shape R1000

R1000 3D scanner with Ortho System™ Premium

NEW

Item Number

20005600

20005605 – Demo system[1]
20005610 – Educational system – 10 client points[2]
20005611 – Educational system – 20 client points[2]
20005620 – Commercial education system – 20 client points[3]

Send your order to **order@3shape.com**

The R1000 scanner will be shipping from July 2015.

System Configuration

3D Scanner

R1000 3D Scanner (4 x 5 MP cameras).
Blue LED Multi-line. Optimized for dental applications. With Color Texture Scanning. Expanded interior space for mounted models etc.

Desktop PC

- High performance PC (model subject to change)
- Operating system and CAD software pre-installed
- Mouse and keyboard included (monitor NOT included)

Operating System & Repair Disk

- Windows 8 Pro, 64-bit, English (Support for 35 languages)
- Windows 8 Pro repair disk

Included Accessories

- 1 x Scanner calibration object
- 3 x Scanning interface plate
- 1 x Blu-Tack® scan clay
- 1 x Dongle USB key
- 1 x Scan Height Adapter
- 1 x Occlusion Transfer Calibration Object
- 1 x Impression fixture
- 1 x 2-Cast fixture
- 1 x Wax-up fixture

Software Package

Single user license of **Ortho System Premium™**

Including

- ScanIt Orthodontics™ for the 3D scanning of study models and dental impressions*
- Ortho Analyzer™ for case analysis
- Study Model Builder (including Study model STL Output)
- Ortho Planner™ for treatment planning and monitoring
- Planning Model Builder (including Planning Model STL Output)
- Appliance Designer™ CAD program for the modelling of orthodontic appliances (including Design STL output)
- 3Shape Communicate™ Inbox for order reception and filtering (20 connections included)

Help System

Integrated online user manual (12 languages)

Optional:

Misc. Software Add-Ons	Please refer to the Add-On overview table
Extended Warranty	Extend the 1-year limited warranty on 3Shape hardware by 1 or 2 additional years.

Upper/lower simultaneous scans

3Shape R2000

R2000 3D scanner with Ortho System™ Premium

NEW

Item Number

20005700

20005705 – Demo system[1]
20005710 – Educational system – 10 client points[2]
20005711 – Educational system – 20 client points[2]
20005720 – Commercial education system – 20 client points[3]

Send your order to **order@3shape.com**

The R2000 scanner will be shipping from July 2015.

System Configuration

3D Scanner

R2000 3D Scanner (4 x 5 MP cameras). Blue LED Multi-line. Optimized for dental applications. With Color Texture Scanning. Expanded interior space for mounted models etc. All-in-one simultaneous scanning: room for 2 models.

Desktop PC

- High performance PC (model subject to change)
- Operating system and CAD software pre-installed
- Mouse and keyboard included (monitor NOT included)

Operating System & Repair Disk

- Windows 8 Pro, 64-bit, English (Support for 35 languages)
- Windows 8 Pro repair disk

Included Accessories

- 1 x Scanner calibration object
- 3 x Scanning interface plate
- 1 x Blu-Tack® scan clay
- 1 x Dongle USB key
- 2 x Scan Height Adapter
- 1 x Occlusion Transfer Calibration Object
- 1 x Impression fixture
- 1 x 2-Cast fixture
- 1 x Wax-up fixture

Software Package

Single user license of **Ortho System Premium™**

Including

- ScanIt Orthodontics™ for the 3D scanning of study models and dental impressions*
- Ortho Analyzer™ for case analysis
- Study Model Builder (including Study model STL Output)
- Ortho Planner™ for treatment planning and monitoring
- Planning Model Builder (including Planning Model STL Output)
- Appliance Designer™ CAD program for the modelling of orthodontic appliances (including Design STL output)
- 3Shape Communicate™ Inbox for order reception and filtering (20 connections included)

Help System

Integrated online user manual (12 languages)

Optional:

Misc. Software Add-Ons	Please refer to the Add-On overview table
Extended Warranty	Extend the 1-year limited warranty on 3Shape hardware by 1 or 2 additional years.

Ortho System™ Stand-alone Software

	Ortho Analyzer™ Software for orthodontic case analysis. Stand-alone or Add-on to existing dongle	Item number 80242052
	Ortho Analyzer™ – Additional seat license Additional license(s) on an existing dongle for network activation	Item number 80242037
	Study Model Builder™ Includes STL output for study models. Add-on to Ortho Analyzer™	Item number 80245073
	Ortho Planner™ Software for orthodontic treatment planning and monitoring. Add-on to Ortho Analyzer™	Item number 80245070
	Ortho Planner™ – Additional seat license Additional license(s) on an existing dongle for network activation	Item number 80242018
	Planning Model Builder™ Includes STL output for planning models. Add-on to Ortho Planner™	Item number 80245074
	Bracket Placement (Indirect Bonding)™ Accurate placement of brackets. Add-on to Ortho Planner™	Item number 80245071
	Appliance Designer™ CAD software for orthodontic appliances. Stand-alone or Add-on to existing dongle	Item number 80245057
	Appliance Designer™ – Second seat license CAD software for orthodontic appliances. Additional license on the same dongle for network activation	Item number 80245051
	Bracket Transfer (Indirect Bonding)™ CAD design of accurate bracket transfers for indirect bonding. Add-on to Appliance Designer™	Item number 80245072
	3rd-party scanner import - Import of STL files from non-3Shape scanner files into Ortho System software. Add-on to all Ortho System™ products	Item number 80245075

Ortho System™ Education Software Licenses[2]

	Ortho System™ Education – 5 additional license seats Additional Education licenses for existing scanner bundle. Add-on to existing dongle	Item number 80242048

Stand-alone Educational software solutions to be purchased without a scanner are under revision and will be available soon.

Ortho System Inbox Module Upgrades

30	**Ortho System™ Inbox 30 connections** Inbox to connect 30 additional 3Shape Communicate accounts to receive scans directly.	Item number 80241030
100	**Ortho System™ Inbox 100 connections** Inbox to connect 100 additional 3Shape Communicate accounts to receive scans directly.	Item number 80241040

CAD Points

CAD points offer a flexible alternative to use 3Shape's software for manufacturing and can be applied to the following modules: 3rd Party Scan import, Study model builder, Planning model builder and Design model builder.

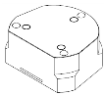
	100 CAD points Adds 100 CAD points to your account	Item number 80248100
	200 CAD points Adds 200 CAD points to your account	Item number 80248101
	300 CAD points **Adds 300 CAD points to your account**	Item number 80248102

Ortho System™ Add-on Modules to Dental System™

The following bundles are available for users of 3Shape's Dental System. Similarly, Dental System Add-on Modules are available for users of the Ortho System: please refer to Dental System price list. All bundles require an active subscription of 3Shape Dental System.

	Ortho System - Standard Bundle for Dental System The Ortho System Standard bundle Includes ScanIt Orthodontics, ScanIt Ortho Impression, Ortho Analyzer and Study Model Builder (including the STL export option for study models). Add-on to existing dongle with active Dental System license. Scanner fixtures to be purchased separately.	Item number 80242156
	Ortho System - Premium Bundle for Dental System The Ortho System Premium bundle Includes ScanIt Orthodontics, ScanIt Ortho Impression, Ortho Analyzer, Ortho Planner, Study Model Builder, Planning Model Builder and Appliance Designer (including Design model builder). Add-on to existing dongle with active Dental System license. Scanner fixtures to be purchased separately.	Item number 80242202

Accessories

	Second dongle Second USB key for software authorization. Software licenses need to be purchased separately	Item number 80602507
	Scanner interface plate Works with all lab scanner models.	Item number 06070009
	Occlusion Set-up Tool incl. 4 high-precision transfer plates Allows user to set up upper and lower arches prior to scanning and to skip the bite scan. Requires Ortho System™ Release 1.6.1.1. which supports all-in-one model scanning (expected July 2015). Can be used for all R-series scanners scanners.	Item number 80600104
	**Scan Height Adaptor – 1 stripe*** To be used with and included with all lab scanners with large interior (R750, R850, R900L, R1000 and R2000 (left axis)). To be used with interface plate on top to ensure correct position of models for scanning. Can be taken out of the scanner when scanning mounted models using articulator transfer plates.	Item number 80600118
	Scan Height Adaptor – 2 stripes* To be used with and included with R2000 (right axis). To be used with interface plate on top to ensure correct position of models and dies for scanning. Can be taken out of the scanner when scanning mounted models using articulator transfer plates.	Item number 80600119
	Dental 2cast fixture Fixture for all desktop scanner models. Used for fixing the occlusal alignment of upper and lower cast during scanning	Item number 80200002
	Dental Wax-up bridge fixture Fixture for all desktop scanner models. Used for fixing occlusion bites in the scanner when scanning impressions	Item number 80200004
	Dental Impression Fixture Fixture for all desktop scanner models. Used for fixing dental impressions in the scanner	Item number 80200005
	Blue Tack 90g Bostik 1 package of Blu-Tack® scan clay (90 gram).	Item number 02050005
	Personal Computer for R-series desktop scanner HP 800 G1 SFF Win 8Pro – For R500 and R750 lab scanners	Item number 80602638
	Personal Computer for R-series desktop scanner HP Z230 Workstation TWR Win8 – For R850, R900L, R1000 and R2000 scanners	Item number 80602636
	Space Explorer 3D Mouse SpaceExplorer 3D Mouse (3D Connexion) with 3Shape logo. Six-degrees-of-freedom technology, QuickView navigation keys.	Item number 02019104

*1 or 2 stripes on the side of each transfer plate (and the matching Scan Height Adaptor) indicate the type of transfer plate (and the matching Scan Height Adaptor). 1 stripe = for R750, R850, R900L, R1000 and R2000 (left axis). 2 stripes = R2000 (right axis) – to help you inserting the parts correctly into the respective scanner model.

Articulator Transfer Plates and more

(Transfer plates used to transfer the model's position from the physical articulator to the dynamic virtual articulator in Ortho System™.)

	Occlusion Transfer Calibration Object For calibrating the transfer of position from physical articulator to virtual articulator. User mounts object in gypsum to transfer position and can skip the bite scan. Can be used with any transfer plate. Works with all scanners. Included with R900L, R1000 & R2000.	Item number 80600109
	Adesso Artex Transfer Plate – **1 stripe** To be used with all large interior scanners (R750, R850, R900L, R1000 and R2000 (left axis)). Used with Baumann Adesso coupling system typically used with Ivoclar Stratos 300 articulator. Also used with ACR (Artex compatible) articulators*.	Item number 80600112
	Adesso Artex Transfer Plate – **2 stripes** To be used with D2000 scanners (right axis). To be purchased in addition to Adesso Artex Transfer plate - 1 stripe (left axis) to be able to benefit from the R2000 scanner's full potential. Used with Baumann Adesso coupling system typically used with Ivoclar Stratos 300 articulator. Also used with ACR (Artex compatible) articulators*.	Item number 80600117
	Whip Mix Transfer Plate – **standard interior** To be used with Whip Mix articulators and R500, R700/R710, R800/R810, R900 scanners.	Item number 80600101
	Whip Mix Transfer Plate – **1 stripe** To be used with all large interior scanners (R750, R850, R900L, R1000 and R2000 (left axis). Used with Whip Mix articulators*.	Item number 80600106
	Whip Mix Transfer Plate – **2 stripes** To be used with Whip Mix articulators and R2000 scanners (right axis). To be purchased in addition to Whip Mix Transfer plate - 1 stripe (left axis) to be able to benefit from the D2000 scanner's full potential*.	Item number 80600114
	SAM Transfer Plate – **standard interior** To be used with SAM articulators and R500, R700/R710, R800/R810, R900 scanners.	Item number 80600102
	SAM Transfer Plate – **1 stripe** To be used with all large interior scanners (R750, R850, R900L, R1000 and R2000 (left axis). Used with SAM articulators*.	Item number 80600107
	SAM Transfer Plate – **2 stripes** To be used with SAM articulators and R2000 scanners (right axis).To be purchased in addition to SAM Transfer plate - 1 stripe (left axis) to be able to benefit from the R2000 scanner's full potential*.	Item number 80600115
	KaVo Protar Transfer Plate – **standard interior** To be used with KaVo Protar articulators and R500, R700/R710, R800/R810, R900 scanners.	Item number 80600103
	KaVo Protar Transfer Plate – **1 stripe** To be used with all large interior scanners (R750, R850, R900L, R1000 and R2000 (left axis). Used with KaVo Protar articulators*.	Item number 80600108
	KaVo Protar Transfer Plate – **2 stripes** To be used with KaVo Protar articulators and R2000 scanners (right axis). To be purchased in addition to KaVo Protar Transfer plate - 1 stripe (left axis) to be able to benefit from the R2000 scanner's full potential*.	Item number 80600116

*1 or 2 stripes on the side of each transfer plate (and the matching Scan Height Adaptor) indicate the type of transfer plate (and the matching Scan Height Adaptor). 1 stripe = for R750, R850, R900L, R1000 and R2000 (left axis). 2 stripes = R2000 (right axis) – to help you inserting the parts correctly into the respective scanner model.

Accuracy validation objects

ISO 12836 Objects
2 objects according to ISO 12836 standard, i.e. inlay object and bridge object. To be used as reference objects. Measured individually on CMM machine. Delivered with measuring report. You can purchase this object to confirm your scanner's accuracy by scanning the object yourself.

Item number
80600110

Warranty (Hardware)

Extended Warranty must be ordered within the original 1-year limited warranty period. See also Terms & Conditions.

Limited Warranty on 3Shape hardware Limited Warranty on 3Shape hardware 1 year from purchase date*	Included with scanner
Limited Warranty +1 Year Extend the 1-year limited warranty on 3Shape hardware by 1 additional year*.	Item number 99000020
Limited Warranty +2 Years Extend the 1-year limited warranty on 3Shape hardware by 2 more years*.	Item number 99000030

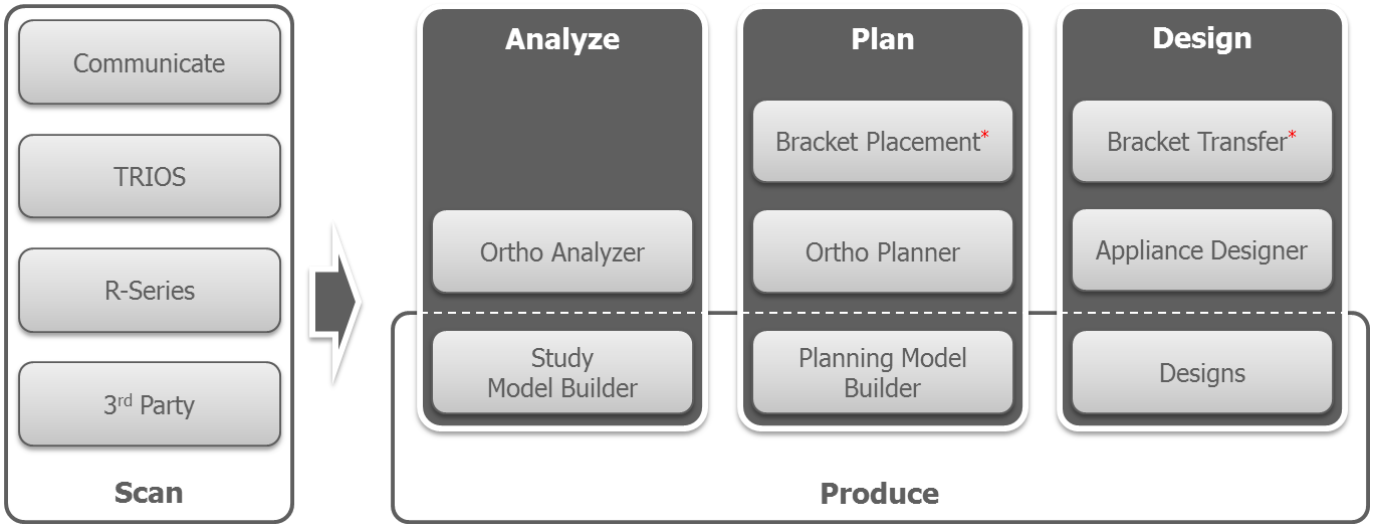
3Shape Academy

Please register for a training at 3Shape Academy (visit support.3shape.com or contact training@3shape.com for customized training). As a reseller you are obliged to participate in the Update Training to ensure your organization is up-to-date and has the best possible knowledge regarding our products. Training is offered at 3Shape offices in Copenhagen, Denmark, New Jersey, USA, Kiev, Ukraine, Shanghai, China, and Milan, Italy in English, German, Italian, Russian, French, and Chinese.

Update Training / 1 Day Annual Reseller Release Training (Mandatory) Learn usage, tools and understand functionality of the latest annual release of the Ortho System™. Requires knowledge of the previous versions of the Ortho System™.	Included as part of LABcare™.
Basic Training (2 days, max 14 persons) Provides attendees with the ability to successfully and efficiently operate Ortho System™. Dental or Ortho background recommended.	Item number 99500000
Advanced Training (1 day) Provides attendees with the ability to use Ortho System™ in advanced mode. Dental or Ortho background and knowledge of Ortho System™ recommended.	Item number 99500010
Customized Trainings or Presentations To be agreed between the particular reseller and 3Shape Academy.	Item number 99500020
Travel and Accommodation For the 3Shape Trainer.	Item number 99500050

Ortho System™ Application Overview

The Ortho System™ software modules offer flexible options for applications within digital orthodontics:



Scan Applications

- **Communicate Inbox:** For reception of files from labs, practices and others with a 3Shape Communicate account. The system comes with 20 Inbox connections included; additional connections to be purchased separately.
- **TRIOS™**: For generation of 3D models using 3Shape intra-oral scanners.
- **R-Series**: For generation of 3D models using 3Shape desktop scanners.
- **3rd Party Scanner**: For integration of 3D models using 3rd party scanners.

Analyze

- **Ortho Analyzer™**: Analysis and diagnostics based on 3D models. Integrates with DICOM data, 2D images (photos, ceph, etc.) and patient information. Enables 2D and 3D measurements and Standard analysis (Bolton, etc.). No modification of the tooth positions. Includes 3Shape Communicate interface and enables integration to Patient Management Systems.
- **Study Model Builder**: Enables the export of 3D study models in STL format for manufacturing or exchange with Patient Management Systems.

Plan

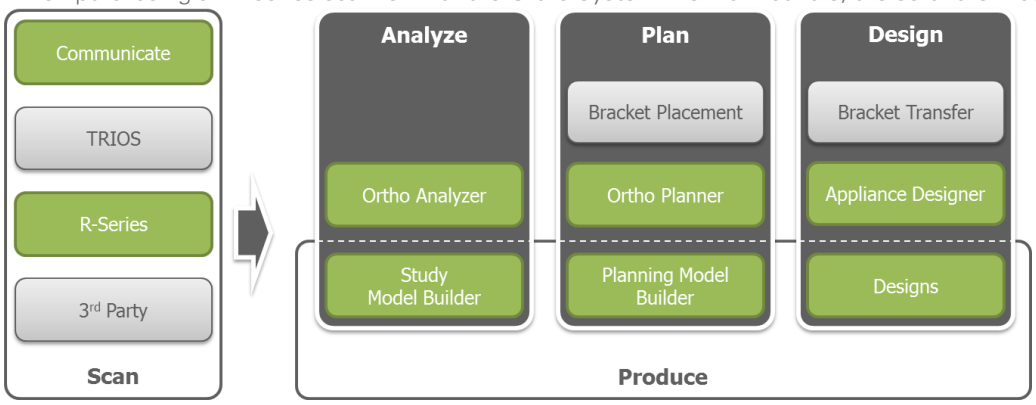
- **Ortho Planner™**: Treatment planning and monitoring, including virtual setups (modification of tooth positions), extraction and stripping simulations, virtual articulation and attachments. Requires Ortho Analyzer™.
- **Planning Model Builder**: Enables the export of planning 3D models (virtual setups) in STL format.
  Bracket placement (indirect bonding): Needed for accurate positioning of brackets. Add-On to Ortho Planner™.

Design

- **Appliance Designer™**: CAD modelling of orthodontic appliances (e.g. RPE's, retainers, sleep apnea devices, splints and more.)
- **Design Builder**: Enables the export of CAD designs in STL format, including transfers for indirect bonding.
- **Bracket transfer** (indirect bonding): CAD modelling of design transfers for indirect bonding according to placement defined in the Bracket Placement add-on module. Add-On to Appliance Designer™.

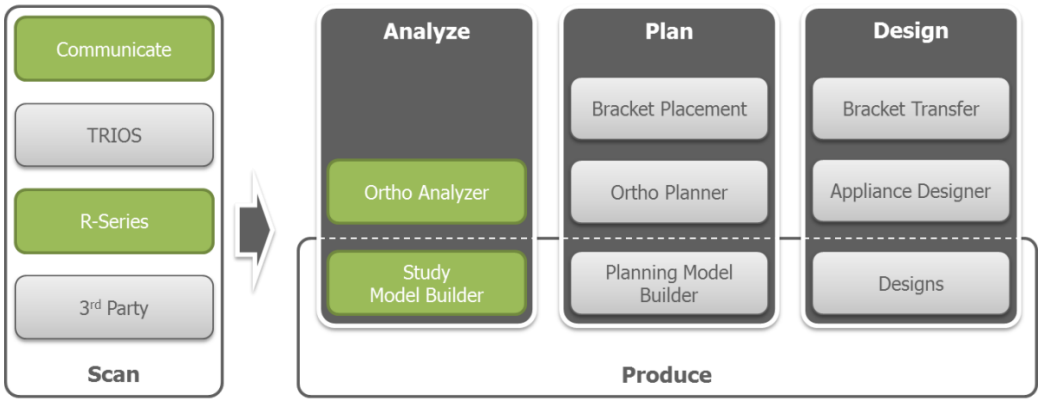
Ortho System™ Premium Bundle

When purchasing an R-series scanner with the Ortho System Premium bundle, the software modules in green are included.



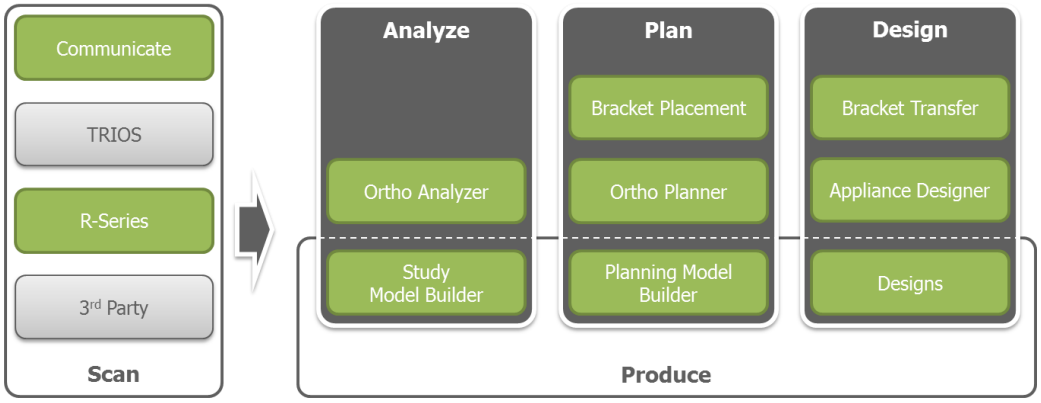
Ortho System™ Standard Bundle

When purchasing an R-series scanner with the Ortho System Standard bundle, the software modules in green are included.



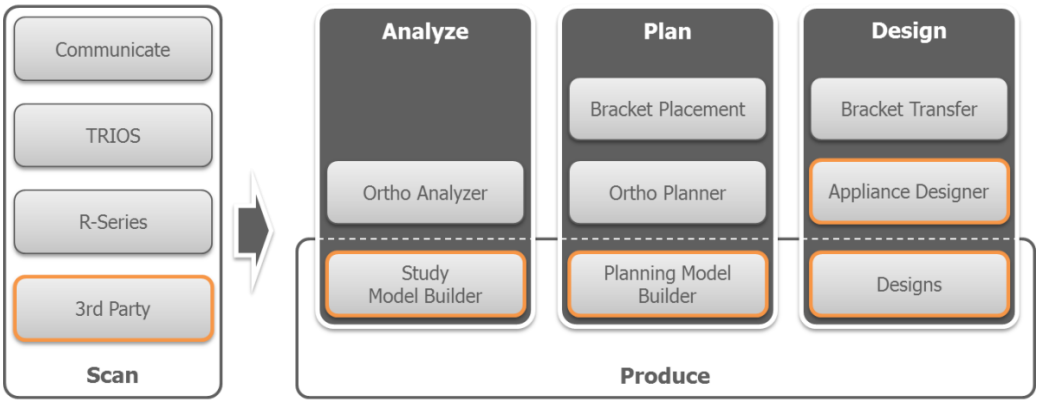
Ortho System™ Education Bundle

When purchasing an R-Series scanner for Education purposes, the software modules in green are included.



Ortho System™ – CAD Points

CAD-points can be used in the modules outlined with an orange edge.



Ortho System™ Configurations and Included Features

Product Name	Description	R-scanner bundle for Labs		
		Ortho System **Standard**	Ortho System **Premium**	**CAD Points**
Ortho Analyzer	Patient manager / case browser	✓	✓	
	PMS / Lab system integration	✓	✓	
	Direct connect (Trios / R-scanner)	✓	✓	
	2D-image import	✓	✓	
	CBCT DICOM import	✓	✓	
	2D / 3D measurements	✓	✓	
	Standard analysis (Bolton, Space, etc.)	✓	✓	
	Pre-defined analysis (PAR, ABO, etc)	✓	✓	
	Model Comparison	✓	✓	
Study Model Builder	Study model prepare (segmentation, base, etc.)	✓	✓	
	Study model builder and STL export	✓	✓	☒
3rd Party Scan Import	3rd party scanner import (STL)	Add-on	Add-on	☒
Ortho Planner	Customized analysis (collections) & questionnaires	-	✓	
	Virtual setup & sub-setups	-	✓	
	Virtual articulation	-	✓	
	Extraction & stripping simulation	-	✓	
Planning Model Builder	Planning model prepare (ID-tag, hollowing, drill comp.)	-	✓	
	Planning model builder and STL export	-	✓	☒
Bracket Placement	Bracket placement (IDB)	-	Add-on	
Appliance Designer	Retainers	-	✓	
	Splints, night guards & protectors	-	✓	
Design Builder	Design STL export	-	✓	☒
Custom Workflow	Custom workflows (shell & bar)	-	✓	
Bracket Transfer	Bracket transfer (IDB)	-	Add-on	
Standard DCM export	Standard DCM export	✓	✓	☒
Inbox Connections	3Shape Communicate inbox (20 connections)	✓	✓	
	Communicate Inbox (30 additional connections)	Add-on	Add-on	
ScanIt Dental	ScanIt Dental scan suite for R-series scanners	✓	✓	
Trios	Trios scan software and order form	NA	NA	

Legend

✓	Included in bundle
Add-on	Can be purchased as Add-On
-	Not included in Bundle
NA	Not applicable

System Requirements for 3Shape Ortho System™

Item	Recommended
OS	Windows 8 Pro, 64-bit
RAM	8GB (16GB*)
Video Card	1GB DirectX 11 (2GB DirectX 11) NVIDIA GeForce
Available HDD Space	500GB (1TB**)
CPU	Intel Core i7 or equivalent
Monitor resolution	1920 x 1080 pixels
3D Mouse	3DConnexion SpaceMouse™ Pro
Network	Internet connection
USB ports	USB 2.0 port for 3Shape desktop scanner***
Mouse	Mouse with wheel button support

* For simultaneous scanning and modelling of large cases, we recommend 16GB RAM.
** We recommend 1TB Hard Drive if used as a stand-alone system or a server with the order folder.
*** D250 scanners require serial port. For D250 scanners, 3Shape supports only PCs purchased from 3Shape as very few PCs are compatible.

PLEASE NOTE!

- We recommend to use all 3Shape lab scanners only on USB 2.0 ports.
- 3Shape lab scanners do not work on shared USB connections.
- It is recommended to connect keyboard, mouse and dongle to free USB 3.0 ports, when available.
- For D250 scanners, we recommend keeping the existing PC delivered with the system for scanning, and installing a new PC (Windows 7, 64-bit, 6-8 GB RAM) as a design station.

NOTES on R-Scanner System Configurations

1. DEMO - The DEMO configuration is exclusively for demonstration purposes. Number of saves are limited to 300 per year. The subscription is renewed every year by invoice – unless the scanner should continue as a DEMO scanner – then the customer can ask for a credit note. The scanner cannot be resold for a period of 12 months. After this period the scanner can be sold to end-users by payment of the annual subscription fee.

2. EDUCATION – The EDUCATION configuration is exclusively for training and education purposes by schools, universities or training centers. The name of the university/school and contact person is required at order placement. Software licenses are renewed upon request every year. Number of saves are limited to either 300 or 600 saves depending on the amount of license seats (10 or 20). All software upgrade are included for a period of 3 years. After this period, another 3 years can be purchased at the prevailing price.

3. COMMERCIAL EDUCATION – The COMMERCIAL EDUCATION configuration is exclusively for training and education purposes by schools, universities or training centers with production capabilities. The name of the university/school and contact person are required at order placement. The subscription is renewed every year by invoice. The COMMERCIAL EDUCATION configuration contains 2000 saves.

How can labs become TRIOS® Ortho Ready?

Find out more about our TRIOS® Ortho Ready Program here:
www.3shapedental.com/orthodontics/ortho-labs/trios-ready-ortho

This Product Catalog includes products developed and manufactured by 3Shape A/S.